**Lab 7**

**Python**

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**Question:**

**Code:**

def getdata():

    empId = input("Enter Emp.Id : ")

    empName = input("Enter Name : ")

    emailId = input("Enter Email.Id : ")

    dept = input("Enter Department : ")

    designation = input("Enter Designation : ")

    basic = int(input("Enter BASIC salary : "))

    DA = int(input("Enter DA : "))

    HRA = int(input("Enter HRA : "))

    file1 = open('Emp\_info.txt','a')

    file1.write(empId + " " + empName + " " +" "+ emailId + "\n")

    file1.close()

    file2 = open('Department\_info.txt','a')

    file2.write(empId + " " + dept + " " + designation + "\n")

    file2.close()

    file3 = open('Empsal.txt','a')

    file3.write(empId + " " + str(basic) + " " + str(DA) + " " + str(HRA) + "\n")

    file3.close

def searchdata():

    key = input("Enter Name to search : ")

    file1 = open('Emp\_info.txt','r')

    readlines = file1.readlines()

    for line in readlines:

        if key in line:

            list1 = line.split()

    empyoid = list1[0]

    file2 = open('Department\_info.txt','r')

    readlines = file2.readlines()

    for line in readlines:

        if empyoid in line:

            list2 = line.split()

    file3 = open('Empsal.txt','r')

    readlines = file3.readlines()

    for line in readlines:

        if empyoid in line:

            list3 = line.split()

    print("Employee details : ")

    print(f'{"Emp.Id":^20}{"Name":^20}{"Email.Id":^20}{"Department":^20}{"Designation":^20}{"Basic salary":^20}{"DA":^20}{"HRA":^20}')

    print(f'{list1[0]:^20}{list1[1]:^20}{list1[2]:^20}{list2[1]:^20}{list2[2]:^20}{list3[1]:^20}{list3[2]:^20}{list3[3]:^20}')

flag = True

print("==========MENU============")

print("1.Enter data\n2.Search data\n3.Exit")

print("==========================")

while (flag):

    choice = int(input("\nEnter choice : "))

    if choice == 1:

        getdata()

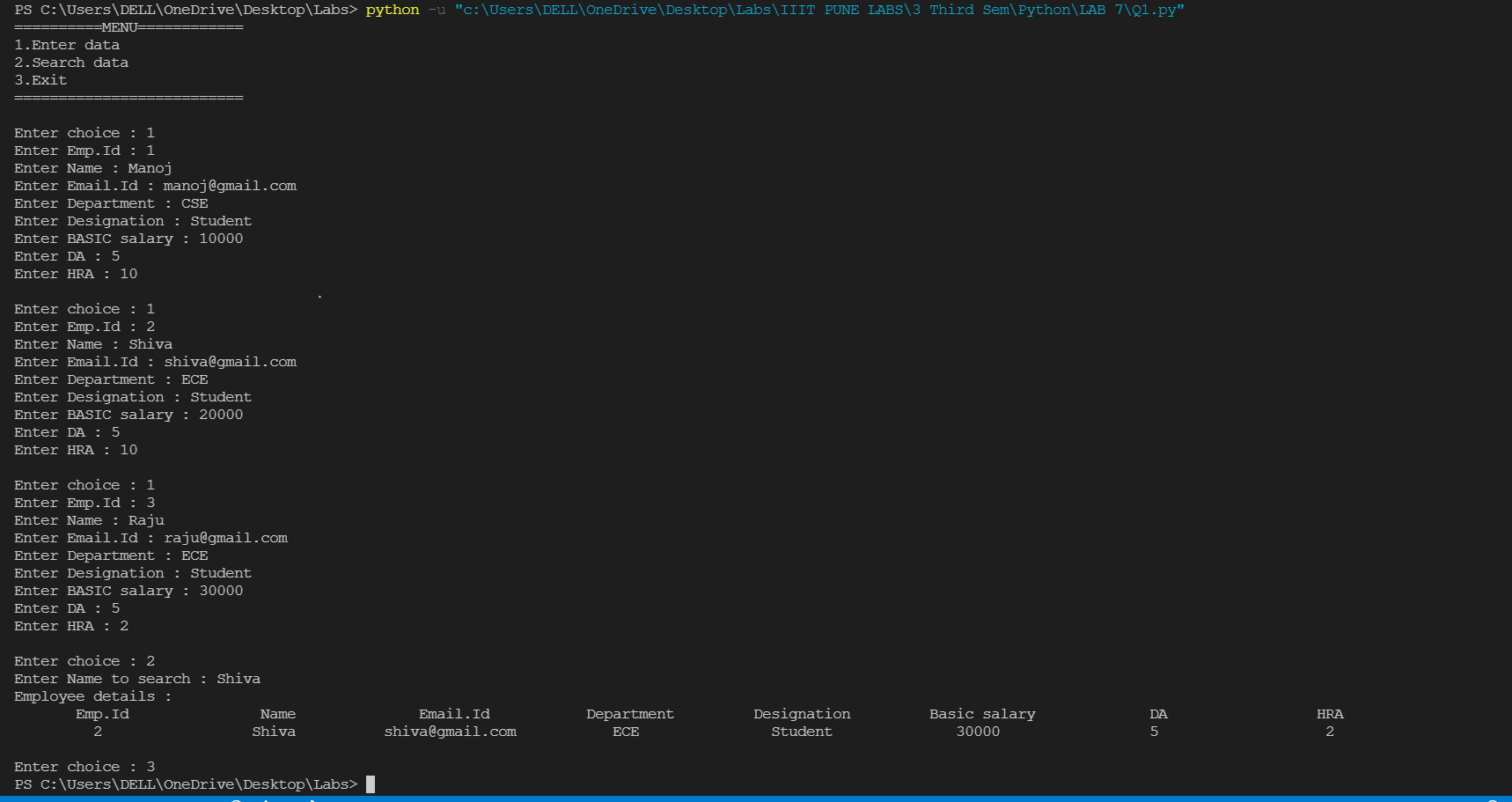
    elif choice == 2:

        searchdata()

    else:

        flag = False

**Output:**

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